

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

RECORD OF WELL

P13

see P14, p 539
+ SP 61
also PWS Schedule 18
sketch a backup
P 539

Locate well on plat of section.

1. Location: State New York County Putnam
Nearest P. O. _____ Direction from P. O. _____
Distance from P. O. _____ miles; $\frac{1}{4}$ sec. _____, T. _____, R. _____
If in city, give street and number Town of Kent.
2. Owner: Dr. Dixie Villa Address Kent Cliffs, N.Y.
P.F. Beal and Sons, Inc. Address 4 Putnam Ave., Brewster, N. Y.
Driller: Man on rig: Fred Booth Address _____
3. Situation: Is well on upland, in valley, or on hillside? hillside
4. Elevation of top of well: 662 ft. above the level of sea
(Above or below) (Sea, depot, lake, or stream)
5. Type of well: drilled; kind of drilling rig used rotary - core still on property
(Dug, driven, bored, or drilled) (Solid tool, auger, rotary, etc.)
6. Depth of well: 140 ft.; year in which well was finished 1939
160 - NYSDH Does well enter rock? yes; if so, at what depth? 6 - 3 ft ft.; kind of rock granite
10 - 12 ft
7. Diameter: At top 6 inches; at bottom 6 inches.
8. Principal water bed: granite Canada Hill granite
(Gravel, sand, clay, or rock. If rock, state kind)
Depth to principal water bed _____ ft.; thickness of bed _____ ft.
If other water supplies were found, give depth to each _____
9. Casings: Kind steel; size 6"; length 12 ft.; between depths of 0 and 12 ft.
Kind _____; size _____; length _____ ft.; between depths of _____ and _____ ft.
Kind _____; size _____; length _____ ft.; between depths of _____ and _____ ft.
- Packers (if any): Depth at which packers were used _____; kind _____
- Screen or Strainer: Was well finished with screen? No; kind of screen _____;
length of screen _____ ft.; diameter _____ inches; size of openings _____
10. Head: Does well at present overflow without pumping? No; did it overflow when new? No;
if flowing, give pressure _____ lb. per sq. inch; or height water will rise in a pipe _____ ft. above surface;
original pressure or head _____; if not flowing, give water level in well _____ ft. below surface.
11. Pump: Is the well pumped? yes; kind of pump myers D.W.;
size or capacity of pump _____; kind of power electric
12. Yield: Natural flow at present (if any) _____ gallons per minute; original flow _____ gallons per minute;
well has been pumped at 5 gallons per minute continuously for _____ hours;
quantity of water ordinarily obtained from well 500 - 1,000 gallons per day.
13. Use: For what purpose is the water used? Camp. (PWS 75 people NYSDH pol. etc.)
14. Quality of the water: Soft. no odor, taste, a Conocin; is there an analysis? Yes (over)
(Hard or soft, fresh or salty, etc.)
15. Cost of well, not including pump: _____ Temperature of water _____ ° F.
- 7-18-50 - yes Name of person filling blank I.G. Grosman from driller's records
Date 5-1-50 from Floyd Phillips Address U.S. Geol. Survey, Albany & J. Page from
(written) + Dr. from NYSDH (2-16-50)

On the back of this sheet give the record of the beds through which the well passes and any other facts not given above.

LOG OF WELL

KIND OF ROCK OR OTHER MATERIAL (Give color and tell whether hard or soft)	DEPTH, IN FEET		THICKNESS, IN FEET	REMARKS (Especially information as to water found)
	From—	To—		
Topsoil	0	6	6	
Granite	6	140	134	Bottom rock layers in places
8-26-46				
8-28-46 Analysis - Top in fungallow #17				
8-7-47 (Sample at handpump in Miss. Burg. land? drl. well #4.)				
Iron	0.25	1.3		
Free CO ₂ (free)	7.0			
NO₃ omit	0.02			
Cl	1.4	0.8		
Total hardness	42.0	20.0		
Alk	20.0	14.0		
PH	6.3	5.9		
Color	25	7		
Turbidity	10	8		
Free NH ₃	0.002	0.001		
NO ₃	0.02	0.04		
O.C.	1.0	0.8		
Fluorides		< 0.05		

4.43
1.04
0.1772

4.43
1.02
886
0.886

9-29-41